Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6)	R1 142nd	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Granby	39	134	5
Soil Type 2:	Thetford	51A	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	850	40	trees				450
Planned	850	40	trees				450
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1220	40	trees				820
Planned	1220	40	trees				820

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	5000gal	350
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	5000gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	5000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	2	**1**	**5**
Soil Type 2:	Grain Corn	0	Silage Corn	3.2	**1.6**	**4**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6)	R2 LNN	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Tedrow	49A	310	5
Soil Type 2:	Capac	21B	56	

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1590	60	trees				990
Planned	1590	60	trees				990
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1590	60	trees				990
Planned	1590	60	trees				990

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0.5	Silage Corn	8.8	**4.65**	**5**
Soil Type 2:	Grain Corn	NA	Silage Corn	NA	**#VALUE!**	**0**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - [redacted]	R2 LNS	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Tedrow	49A	310	5
Soil Type 2:	Brookston Loam	64	48	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1405	60	trees				805
Planned	1405	60	trees				805
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1050	15	ditch line				900
Planned	1050	15	ditch line				900

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	9.8	**4.9**	**5**
Soil Type 2:	Grain Corn	NA	Silage Corn	NA	**#VALUE!**	**5**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R3 SNW	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Tedrow	49A	310	5
Soil Type 2:	Brookston Loam	64	48	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2040	60	trees				1440
Planned	2040	60	trees				1440
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2600	60	trees				2000
Planned	2600	60	trees				2000

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0.1	Silage Corn	9.8	**4.95**	**5**
Soil Type 2:	Grain Corn	NA	Silage Corn	NA	**#VALUE!**	**5**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R3 SNE	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Tedrow	49A	310	5
Soil Type 2:	Brookston Loam	64	48	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2040	60	trees				1440
Planned	2040	60	trees				1440
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2600	60	trees				2000
Planned	2600	60	trees				2000

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0.1	Silage Corn	9.8	**4.95**	**5**
Soil Type 2:	Grain Corn	NA	Silage Corn	NA	**#VALUE!**	**5**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - [redacted]	R3 SS	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:	Tedrow	49A	310	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1925	40	trees				1525
Planned	1925	40	trees				1525
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	930	40	trees				530
Planned	930	40	trees				530

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	3.25	**1.625**	**5**
Soil Type 2:	Grain Corn	0	Silage Corn	9.8	**4.9**	**5**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R4 E9N	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:	Tedrow	49A	310	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1340	40	trees				940
Planned	1340	40	trees				940
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1340	40	trees				940
Planned	1340	40	trees				940

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	6.7	**3.35**	**5**
Soil Type 2:	Grain Corn	0	Silage Corn	18	**9**	**5**

Comments:

The estimated rate of soil erosion on the Tedrow soil type on this field exceeds the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R4 E9M	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1340	40	trees				940
Planned	1340	40	trees				940
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	6.7	**3.35**	**5**
Soil Type 2:	0		0		**0**	**0**

Comments:

The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - [redacted]	R4 E9S	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1340	40	trees				940
Planned	1340	40	trees				940
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	6.7	**3.35**	**5**
Soil Type 2:	0		0		**0**	**0**

Comments:

The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R5 W	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metamora	42B	86	5
Soil Type 2:	Oshtemo	11B	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	.7 & 1
Planned	Chisel Plow, 3-4" ridges by 18" wide	.7 & 1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	750	40	trees				350
Planned	750	40	trees				350
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	750	40	trees				350
Planned	750	40	trees				350

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	6000gal	400
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:	Silage Corn	Silage Corn		350	6000gal	400

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	0	**0**	**5**
Soil Type 2:	Grain Corn	0	Silage Corn	0	**0**	**5**

Comments:

The estimated rate of soil erosion is beow the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R6 BF	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L" value (Ft)
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	
Present	880	5	Fenceline				830
Planned	880	5	Fenceline				830
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L" value (Ft)
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	6.7	**3.35**	**5**
Soil Type 2:	0		0		**0**	**0**

Comments:
The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R7 BH	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1050	60	trees				450
Planned	1050	60	trees				450
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	2	**1**	**5**
Soil Type 2:	0		0		**0**	**0**

Comments:

The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6)	R8 BSE	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Granby	39	134	5
Soil Type 2:	Adrian	6	134	2

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1-1.
Planned	Chisel Plow, 3-4" ridges by 18" wide	1-1.

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	700	30	trees				400
Planned	700	30	trees				400
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	990	30	trees				690
Planned	990	30	trees				690

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	5000gal	350
Soil Type 2:	Grain Corn	Grain Corn	60%	1250	5000gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	5000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	2	**1**	**5**
Soil Type 2:	Grain Corn	0	Silage Corn	3.5	**1.75**	**2**

Comments:

The estimated rate of soil erosion on this field is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	R9 BS	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	11B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	815	5	Fenceline				765
Planned	815	5	Fenceline				765
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grain Corn	Grain Corn	60%	1250	6000gal	400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	6000gal	400
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grain Corn	0	Silage Corn	2.8	**1.4**	**5**
Soil Type 2:	0		0		**0**	**0**

Comments:
The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	HW N	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Brady	19A	86	4
Soil Type 2:	Sebewa	23	56	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	0.7
Planned	Chisel Plow, 3-4" ridges by 18" wide	0.7

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	675	60	trees				75
Planned	675	60	trees				75
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	520	60	trees				-80
Planned	520	60	trees				-80

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grian Corn	Grian Corn	60%	1250	0	0
Soil Type 2:	Grian Corn	Grian Corn	60%	1250	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Soybean	Soybean	30%	350	5000gal	350
Soil Type 2:	Soybean	Soybean		350	5000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Grian Corn	0	Soybean	0	**0**	**4**
Soil Type 2:	Grian Corn	na	Soybean	na	**#VALUE!**	**4**

Comments:

The estimated rate of soil erosion on this field is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale - (b) (6) [redacted]	HW N	3/27/2012	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Brady	19A	86	4
Soil Type 2:	Oshtemo	11B	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	.7 & 1
Planned	Chisel Plow, 3-4" ridges by 18" wide	.7 & 1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1450	50	trees				950
Planned	1450	50	trees				950
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1450	50	trees				950
Planned	1450	50	trees				950

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Grian Corn	Grian Corn	60%	1250	0	0
Soil Type 2:	Grian Corn	Grian Corn	60%	1250	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Soybean	Soybean	30%	350	5000gal	350
Soil Type 2:	Soybean	Soybean	30%	350	5000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss		Tolerable (T/ac)
Soil Type 1:	Grian Corn	0	Soybean	0	1	**0**	**4**
Soil Type 2:	Grian Corn	0.3	Soybean	3.2		**1.75**	**5**

Comments:

The estimated rate of soil erosion on this field is below the tolerable limit.